

DRAWING AMENDMENTS:

The attached sheets of drawings include changes to FIG. 3 correcting various informalities. These sheets, which include FIGs. 1-3, replace the original sheets including FIGs. 1-3.

REMARKS

The Drawings were objected to in the Office Action for including rectangular boxes without appropriate legends. The Office Action stated that Figs. 1 and 3 needed appropriate legends. Presently, Applicants have added reference numbers to Fig. 3 in order to label various elements. The specification has been amended in order to note the reference numbers now added to Fig. 3. Applicants respectfully submit that no new matter has been added by way of the amendments to the Drawings and Specification. Applicants note that the Office Action objected to Fig. 1 for failing to include appropriate legends. Upon review, Applicants cannot find any elements that lack a reference number in Fig. 1 and have not amended Fig. 1. If the Examiner still believes Fig. 1 lacks appropriate reference numbers, Applicants request the Examiner point out the specific elements in Fig. 1 that need to be addressed.

The Office has rejected claim 12 at paragraph 4 of the Office Action, under 35 U.S.C. §101, as being directed to non-statutory subject matter. Applicants respectfully traverse the rejection.

Claim 12 has been amended in order to call for a computer-readable medium having computer-readable data to initiate a query to find a wireless network. Support for this claim amendment may be found in at least paragraph [0004] of Applicants' application. Applicants submit that an IEEE 802.11 network is a type of wireless network as discussed in paragraph [0004] of Applicants' application and is thus encompassed by a wireless network. Applicants thus submit that claim 12 does not suffer from any deficiency under 35 U.S.C. §101.

The Office has rejected claims 1-20 on page 3 of the Office Action, under 35 U.S.C. § 102, as being anticipated by United States Patent Application Publication No. US 2002/0176579 A1 (Deshpande et al.). Applicants respectfully traverse the rejections.

None of the cited references, including Deshpande et al., disclose or suggest the specific combination of claim 1. For example, Deshpande et al. does not disclose a system with an authorization engine operable to grant access to both transport services and federated data

services of federated data service providers in response to authorization of the first set of credentials, as recited in claim 1. Support for this claim amendment may be found in at least paragraphs [0032] and [0033] of Applicants' application.

Deshpande et al. discloses a mobile wireless device 40 that can register with a hotspot service provider network which confirms the user/device's access privileges by confirming authorization with one or more authentication servers 50. See Deshpande et al. at paragraph [0020]. Upon authorization, the device 40 may request or accept location-based services that are implemented using one or more location-based services servers 60 that are supplied through access points and the hotspot service provider network. See Deshpande et al. at paragraph [0020]. Fig. 2 in Deshpande et al. discloses an embodiment in which a mobile wireless device 130 that comes within range of a hotspot access point 110 can register with intranet 100 in order to attempt to confirm the user/device's access privileges with one or more authentication servers 140. See Deshpande et al. at paragraph [0022]. Once authorized, the device 130 may request or accept e-mail, contacts, task list, calendar and other standard application services via one or more exchange servers 150 and other services such as location-based services through one or more application servers 160 and supplied through the access points and the intranet. See Deshpande et al. at paragraph [0022].

Deshpande et al. also discloses a method of billing the user. Network usage can be billed though a user's Internet service provider or mobile phone service provider. See Deshpande et al. at paragraph [0030]. In this regard, business arrangements are needed between the hotspot service provider network and the other user/device service provider to permit such billing. See Deshpande et al. at paragraph [0030].

In contrast to claim 1, Deshpande et al. does not disclose a system with an authorization engine operable to grant access to both transport services and federated data services of federated data service providers in response to authorization of the first set of credentials as recited in claim 1. Deshpande et al. discloses one or more location-based services servers 60 and one or more exchange servers 150. See Deshpande et al. at paragraphs [0020] and [0022]. However, servers 60 and/or 150 are not federated data services of federated data service providers. Also,

the billing arrangements in Deshpande et al. are not arranged with an authorization engine operable to grant access to both transport services and federated data services of federated data service providers in response to authorization of the first set of credentials. Nowhere does Deshpande et al. disclose or teach the use of federated data services of federated data service providers. Hence, claim 1 is allowable.

Claims 2-6 depend from claim 1, which Applicants have shown to be allowable. Hence, Deshpande et al. fails to disclose at least one element of each of claims 2-6. Accordingly, claims 2-6 are also allowable, at least by virtue of their dependence from claim 1.

None of the cited references, including Deshpande et al., disclose or suggest the specific combination of claim 7. For example, Deshpande et al. does not disclose authorizing access to a network data service and a network transport service in response to authenticating the first set of credentials, wherein said network data service is provided by a federated web-based data service provider, as recited in claim 7. Support for this claim amendment may be found in at least paragraphs [0032] and [0033] of Applicants' application.

Deshpande et al. discloses a device 40 that after authentication may request or accept location-based services that are implemented using one or more location-based services servers 60 supplied through access points and the hotspot service provider network. See Deshpande et al. at paragraph [0020]. Fig. 2 in Deshpande et al. discloses an intranet 100 through which application services can be obtained through one or more exchange servers 150 or special application servers 160. See Deshpande et al. at paragraphs [0021] and [0022]. Deshpande et al. also discloses in Fig. 3 a Hotspot Service Provider Network 10 through which one or more billing servers 50 can be used to bill usage services if the user/device 40 is authenticated. See Deshpande et al. at paragraph [0027] and Fig. 3.

In contrast to claim 7, Deshpande et al. does not disclose a network access method wherein said network data service is provided by a federated web-based data service provider. The location based services servers 60, billing servers 50 and special application servers 160 in Deshpande et al. are not federated web-based data service providers. Deshpande et al. makes no

mention or suggestion of the implementation of a federated web-based data service provider. Hence, claim 7 is allowable.

Claims 8-10 depend from claim 7, which Applicants have shown to be allowable. Hence, Deshpande et al. fails to disclose at least one element of each of claims 8-10. Accordingly, claims 8-10 are also allowable, at least by virtue of their dependence from claim 7.

None of the cited references, including Deshpande et al., disclose or suggest the specific combination of claim 11. For example, Deshpande et al. does not disclose a computer-readable medium to initiate communication authorizing access to both a network transport service and a network data service, wherein said network data service is provided by a federated web-based data service provider, as recited in claim 11.

Deshpande et al. discloses a mobile wireless device 40 that can register with a hotspot service provider network which confirms the user/device's access privileges by confirming authorization with one or more authentication servers 50. See Deshpande et al. at paragraph [0020]. Upon authorization, the device 40 may request or accept location-based services that are implemented using one or more location-based services servers 60 that are supplied through access points and the hotspot service provider network. See Deshpande et al. at paragraph [0020]. Fig. 2 in Deshpande et al. discloses an embodiment in which a mobile wireless device 130 that comes within range of a hotspot access point 110 can register with intranet 100 in order to attempt to confirm the user/device's access privileges with one or more authentication servers 140. See Deshpande et al. at paragraph [0022]. Once authorized, the device 130 may request or accept e-mail, contact, task list, calendar and other standard application services via one or more exchange servers 150 and other services such as location-based services through one or more application servers 160 and supplied through the access points and the intranet. See Deshpande et al. at paragraph [0022].

In contrast to claim 11, Deshpande et al. does not disclose a computer-readable medium to initiate communication authorizing access to both a network transport service and a network data service, wherein said network data service is provided by a federated web-based data

service provider as recited in claim 11. Deshpande et al. discloses one or more location-based services servers 60 and one or more exchange servers 150. See Deshpande et al. at paragraphs [0020] and [0022]. However, servers 60 and/or 150 are not federated web-based data service providers and nowhere does Deshpande et al. disclose or teach a federated web-based data service provider. Hence, claim 11 is allowable.

None of the cited references, including Deshpande et al., disclose or suggest the specific combination of claim 12. For example, Deshpande et al. does not disclose a computer-readable medium having computer-readable data to receive an input requesting retrieval of information associated with a network data service that is provided by a federated web-based data service provider, as recited in claim 12.

Deshpande et al. discloses a mobile wireless device 40 that can register with a hotspot service provider network which confirms the user/device's access privileges by confirming authorization with one or more authentication servers 50. See Deshpande et al. at paragraph [0020]. Upon authorization, the device 40 may request or accept location-based services that are implemented using one or more location-based services servers 60 that are supplied through access points and the hotspot service provider network. See Deshpande et al. at paragraph [0020]. Fig. 2 in Deshpande et al. discloses an embodiment in which a mobile wireless device 130 that comes within range of a hotspot access point 110 can register with intranet 100 in order to attempt to confirm the user/device's access privileges with one or more authentication servers 140. See Deshpande et al. at paragraph [0022]. Once authorized, the device 130 may request or accept e-mail, contact, task list, calendar and other standard application services via one or more exchange servers 150 and other services such as location-based services through one or more application servers 160 and supplied through the access points and the intranet. See Deshpande et al. at paragraph [0022].

In contrast to claim 12, Deshpande et al. does not disclose a computer-readable medium having computer-readable data to receive an input requesting retrieval of information associated with a network data service that is provided by a federated web-based data service provider, as recited in claim 12. Deshpande et al. discloses one or more location-based services servers 60

and one or more exchange servers 150. See Deshpande et al. at paragraphs [0020] and [0022]. However, servers 60 and/or 150 are not federated web-based data service providers and nowhere does Deshpande et al. disclose or teach a federated web-based data service provider. Hence, claim 12 is allowable.

None of the cited references, including Deshpande et al., disclose or suggest the specific combination of claim 13. For example, Deshpande et al. does not disclose a system with an authentication token operable as a valid indicator of access rights to both transport services and federated data services of federated data service providers, as recited in claim 13. Support for this claim amendment may be found in at least paragraphs [0032] and [0033] of Applicants' application.

Deshpande et al. discloses a mobile wireless device 40 that can register with a hotspot service provider network which confirms the user/device's access privileges by confirming authorization with one or more authentication servers 50. See Deshpande et al. at paragraph [0020]. Upon authorization, the device 40 may request or accept location-based services that are implemented using one or more location-based services servers 60 that are supplied through access points and the hotspot service provider network. See Deshpande et al. at paragraph [0020]. Fig. 2 in Deshpande et al. discloses an embodiment in which a mobile wireless device 130 that comes within range of a hotspot access point 110 can register with intranet 100 in order to attempt to confirm the user/device's access privileges with one or more authentication servers 140. See Deshpande et al. at paragraph [0022]. Once authorized, the device 130 may request or accept e-mail, contact, task list, calendar and other standard application services via one or more exchange servers 150 and other services such as location-based services through one or more application servers 160 and supplied through the access points and the intranet. See Deshpande et al. at paragraph [0022].

Deshpande et al. also discloses a method of billing the user. Network usage can be billed though a user's Internet service provider or mobile phone service provider. See Deshpande et al. at paragraph [0030]. In this regard, business arrangements are needed between the hotspot

service provider network and the other user/device service provider to permit such billing. See Deshpande et al. at paragraph [0030].

In contrast to claim 13, Deshpande et al. does not disclose a system with an authentication token operable as a valid indicator of access rights to both transport services and federated data services of federated data service providers as recited in claim 13. Deshpande et al. discloses one or more location-based services servers 60 and one or more exchange servers 150. See Deshpande et al. at paragraphs [0020] and [0022]. However, servers 60 and/or 150 are not federated data services of federated data service providers. Also, the billing arrangements in Deshpande et al. do not include an authentication token operable as a valid indicator of access rights to both transport services and federated data services of federated data service providers. Nowhere does Deshpande et al. disclose or teach the use of federated data services of federated data service providers. Hence, claim 13 is allowable.

Claims 14-20 depend from claim 13, which Applicants have shown to be allowable. Hence, Deshpande et al. fails to disclose at least one element of each of claims 14-20. Accordingly, claims 14-20 are also allowable, at least by virtue of their dependence from claim 13.

CONCLUSION

Applicants have pointed out specific features of the claims not disclosed, suggested, or rendered obvious by the references applied in the Office Action. Accordingly, Applicants respectfully request reconsideration and withdrawal of each of the objections and rejections, as well as an indication of the allowability of each of the pending claims.

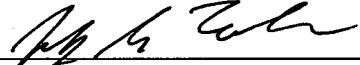
Any changes to the claims in this amendment, which have not been specifically noted to overcome a rejection based upon the prior art, should be considered to have been made for a purpose unrelated to patentability, and no estoppel should be deemed to attach thereto.

The Examiner is invited to contact the undersigned attorney at the telephone number listed below if such a call would in any way facilitate allowance of this application.

The Commissioner is hereby authorized to charge any fees, which may be required, or credit any overpayment, to Deposit Account Number 50-2469.

Respectfully submitted,

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Date


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